

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known			
		Application Number	10/621,796		
		Filing Date	July 17, 2003		
		First Named Inventor	William J. Borland		
		Art Unit	1775		
		Examiner Name			
Sheet	1	of	1	Attorney Docket Number	EL0513 US.NA

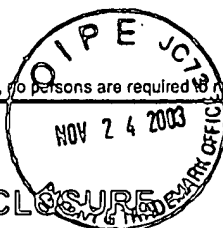
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Dh		D. M. SMYTH, The Defect Chemistry of Metal Oxides, Oxford University Press, 2000, pp 252-282	<input type="checkbox"/>
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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 5

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Art Unit 1775
Examiner Name
Attorney Docket Number EL0513 US NA

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
Dle		US- 5,198,269	03-30-1993	Swartz et al.	
		US- 5,271,955	12-21-1993	Maniar	
		US- 5,342,648	08-03-1994	MacKenzie et al.	
		US- 5,384,294	01-24-1995	Teowee et al.	
		US- 5,391,393	02-21-1995	Maniar	
		US- 5,962,654	10-05-1999	Duncombe et al.	
		US- 6,337,032	01-08-2002	Chivukula et al.	
		US- 6,541,137	04-01-2003	Kington et al.	
Dle		US- 2002/0195612 A1	12-26-2002	Farrell	
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	⁶
Dle		WO 01/67465 A2	09-13-2001	Energenius, Inc.		

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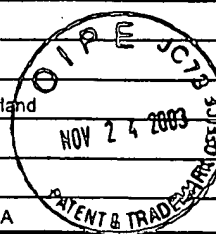
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Substitute for form 1449B/PTO				Complete If Known	
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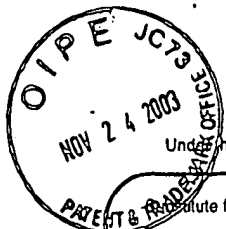
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Dh		M. N. KAMALASAAN, N. D. KUMAR AND S. CHANDRA, Dielectric and ferroelectric properties of BaTiO ₃ thin films grown by the sol-gel process, J. Appl. Phys. 74 (9), 1 November 1983, pp 5679-86	<input type="checkbox"/>
		Q. ZOU, H. E. RUDA AND B. G. YACOBI, Dielectric properties of lead zirconate titanate thin films deposited on metal foils, Applied Physics Letters, Volume 77, Number 7, 14 August 2000, pp 1038-1040	<input type="checkbox"/>
		Q. ZOU, H. E. RUDA AND B. G. YACOBI, Improved dielectric properties of lead zirconate titanate thin films deposited on metal foils with LaNiO ₃ buffer layers, Applied Physics Letters, Volume 78, Number 9, 26 February 2001, pp 1282-1284	<input type="checkbox"/>
		W. J. LEE AND H. G. KIM, Microstructure dependence of electrical properties of (Ba _{0.5} Sr _{0.5})TiO ₃ thin films deposited on P(VSiO ₂ /Si), J. Appl. Phys. 80 (10), 15 November 1996, pp 5891-5894	<input type="checkbox"/>
		M. H. FREY AND D. A. PAYNE, Nanocrystalline barium titanate: Evidence for the absence of ferroelectricity in sol-gel derived thin-layer capacitors, Appl. Phys. Lett. 63 (20), 15 November 1993, pp 2753-2755	<input type="checkbox"/>
	Dh	B. LEE AND J. ZHANG, Preparation, structure evolution and dielectric properties of BaTiO ₃ thin films and powders by an aqueous sol-gel process, Thin Solid Films 388 (2001) 1-7-113	<input type="checkbox"/>

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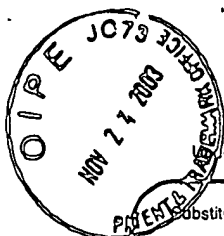
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Dh		X. LI AND W. H. SHIH, Size Effects in Barium Titanate Particles and Clusters, J. Am. Comm. Soc. 80 (11) 1997, pp 2844-2852	<input type="checkbox"/>
		M. N. KAMALASANAN, N. D. KUMAR, AND S. CHANDRA, Structural, optical, and dielectric properties of sol-gel derived SrTiO ₃ thin films, J. Appl. Phys. 74 (1), July 1993, pp 679-686	<input type="checkbox"/>
		J. P. MARIA, K. CHEEK, S. STREIFFER, S. H. KIM, G. DUNN AND A. KINGON, Lead Zirconate Titanate Thin Films on Base-Metal Foils: An Approach for Embedded High-Permittivity Passive Components, J. Am. Ceram. Soc. Volume 84, Number 10, (2001), pp 2436-2438	<input type="checkbox"/>
		M. H. FREY AND D. A. PAYNE, Grain-size effect on structure and phase transformations for barium titanate, Physical Review B, Volume 54, Number 5, 1 August 1996, pp 3158-3168	<input type="checkbox"/>
		E. DIEN, J. B. BRIOT, M. LEJEUNE AND A. SMITH, Relationship Between Processing and Electrical Behavior of BST Films Deposited by Spin Coating, Journal of the European Ceramic Society, Volume 19, (1999), pp 1349-1352	<input type="checkbox"/>
Dh		D. M. TAHAN, A. SAFARI AND L. C. KLEIN, Preparation and Characterization of Ba _x Sr _{1-x} TiO ₃ Thin Films by a Sol-Gel Technique, J. Am. Ceram. Soc., Volume 79, Number 6, (1996), pp 1593-1598	<input type="checkbox"/>

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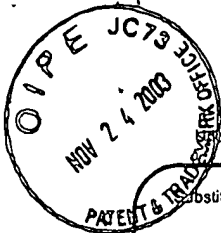
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Dh		R. W. SCHWARTZ, P. G. CLEM, J. A. VOIGT, E. R. BYHOFF, M. VAN STRY, T. J. HEADLEY AND N. A. MISSERT, Control of Microstructure and Orientation in Solution-Deposited BaTiO ₃ and SrTiO ₃ Thin Films, J. Am. Ceram. Soc., Volume 82, Number 9, (1999), pp 2359-2367	<input type="checkbox"/>
		M. LOSURDO, P. CAPEZZUTO, G. BRUNO, G. PERNA AND V. CAPOZZI, N ₂ -H ₂ remote plasma nitridation for GaAs surface passivation, Applied Physics Letters, Volume 81, Number 1, 1 July 2002, pp 16-18	<input type="checkbox"/>
		M.N. KAMALASANAN, N. DEEPAK KUMAR AND SUBHAS CHANDRA, Structural and microstructural evolution of barium titanate thin films deposited by the sol-gel process, J. Appl. Phys. 76 (8), 15 October 1994, pp 4603-4609	<input type="checkbox"/>
		N. DEEPAK KUMAR, M.N. KAMALASANAN AND SUBHAS CHANDRA, Metalorganic chemical vapor deposition technique for growing c-axis oriented ZnO thin films in atmospheric pressure air, Appl. Phys. Lett. 65 (11), 12 September 1994, pp 1373-1375	<input type="checkbox"/>
		J. T. DAWLEY AND P. G. CLEM, Dielectric properties of random and <100> oriented SrTiO ₃ and (Ba,Sr)TiO ₃ thin films fabricated on <100> nickel tapes, Applied Physics Letters, Volume 81, Number 16, 14 October 2002, pp 3028-3030	<input type="checkbox"/>
Dh		G. ARLT, D. HENNINGS AND G. DE WITH, Dielectric properties of fine-grained barium titanate ceramics, J. Appl. Phys. 58 (4), 15 August 1985, pp 1619-1625	<input type="checkbox"/>

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Dle		ANGUS I. KINGON, TAEYUN KIM, JON-PAUL MARIA, and ROBERT CROSWELL, Integration of Thin Film Capacitors into Polymer-Based Wiring Boards or MCM-Ls, NC State University, Department of Materials Science and Engineering. 6/13/2002	<input type="checkbox"/>
Dle		ANGUS I. KINGON, TAEYUN KIM, PAULA VILARINHO, JON-PAUL MARIA, AND ROBERT CROSWELL, Thin Film Capacitors Embedded into High Density Printed Circuit Boards, NC State University, Department of Materials Science and Engineering, 10/10/01	<input type="checkbox"/>
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